



#### **MCNOSC Mission**

Mission: The Marine Corps Network **Operations and Security Command** (MCNOSC) provides global network operations and computer network defense of the Marine Corps **Enterprise** Network (MCEN) in order to facilitate seamless informat exchange in support of Mari and Joint Forces operating worldwide. The MCNOSC concurrently provides technical leadership for service-wide initiatives that utilize the enterprise capabilities delivered by the MCEN.



#### Agenda

- Windows 2003 Migration
  - Background
  - Current and Future Architecture
  - Migration Plan
  - Services and Capabilities
- Enterprise Technologies
  - Single Sign On
  - Legacy Application Integration
  - Integrated IT Management
  - Web Services
  - IT Capability Convergence





#### Goals



- 1. Define the new MCEN architectures
- 2. Demonstrate new capabilities
- 3. Provide capability convergence

Network & Performanc

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Manageme

SSO & Identity Manageme nt

**Desktop** 

& Legacy

**Application** 

Computer

**Defense** 

4. Improve the End User Experience



#### **Background**

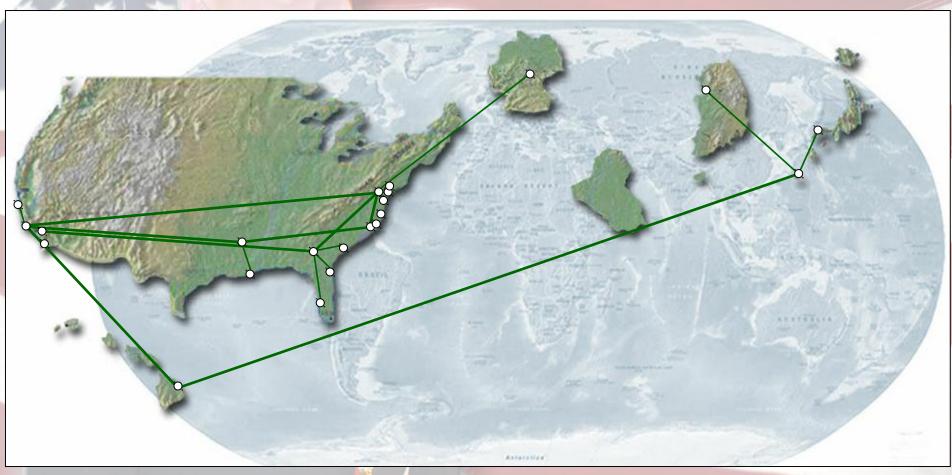


• In Dec 03, Windows NT 4.0 was placed in extended support mode by Microsoft. End of life is in Dec 04. No support will be available after this time.

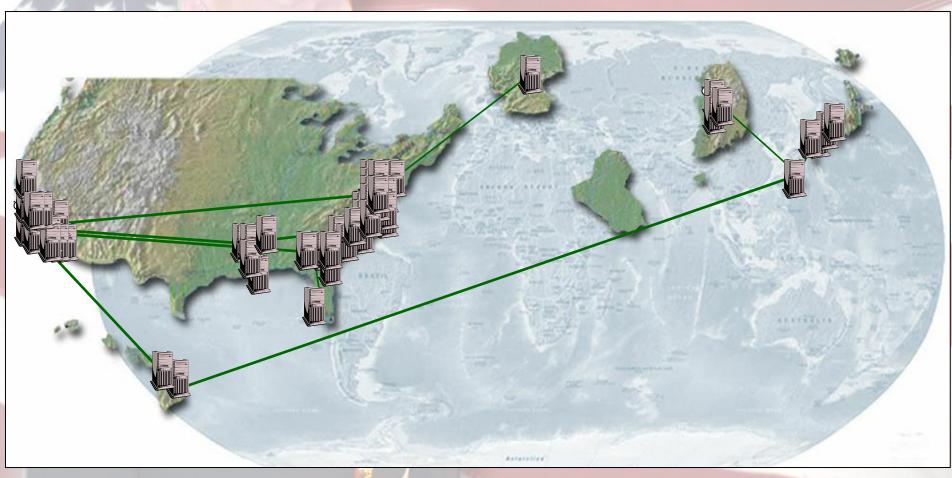


- All Commands must be transitioned to a new Network Operating System prior to the 04 date.
- NMCI will be transitioning all AOR Units to Windows 2000.
- MCNOSC is currently transitioning all non-NMCI Units and legacy application datacenters to Windows 2003.
- Windows 2003 brings new capabilities & opportunities.









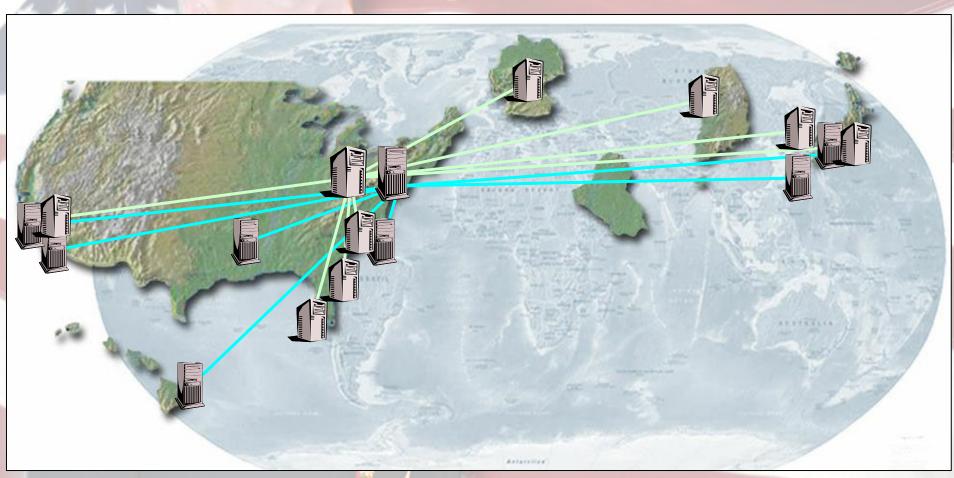




## Future MCEN Architecture Dual Forests

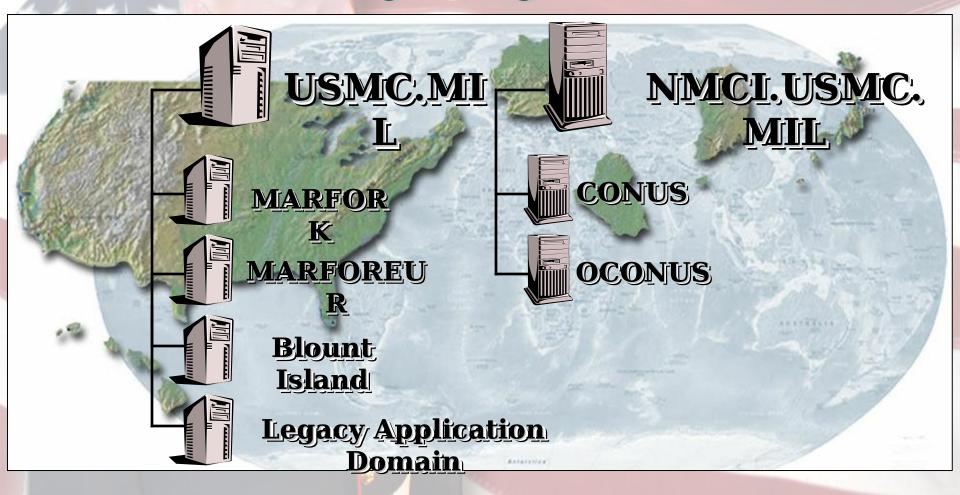


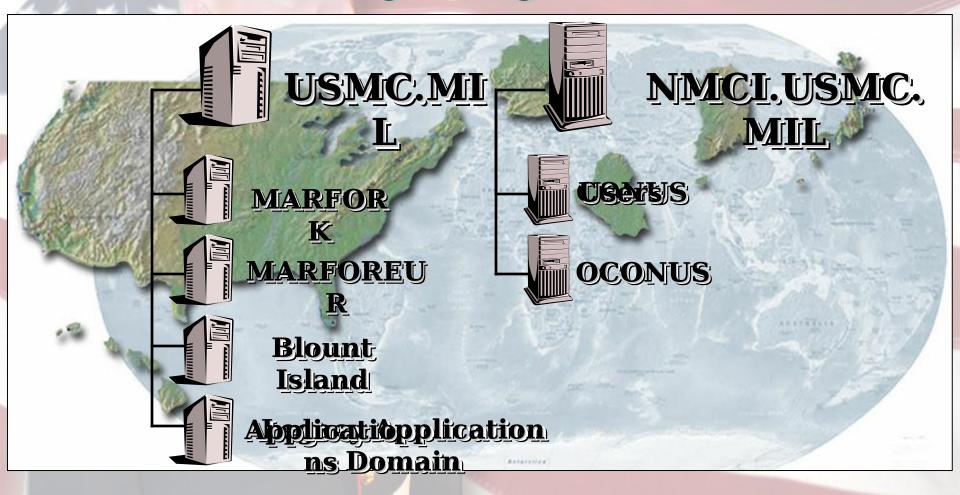
# Future MCEN Architecture Dual Forests



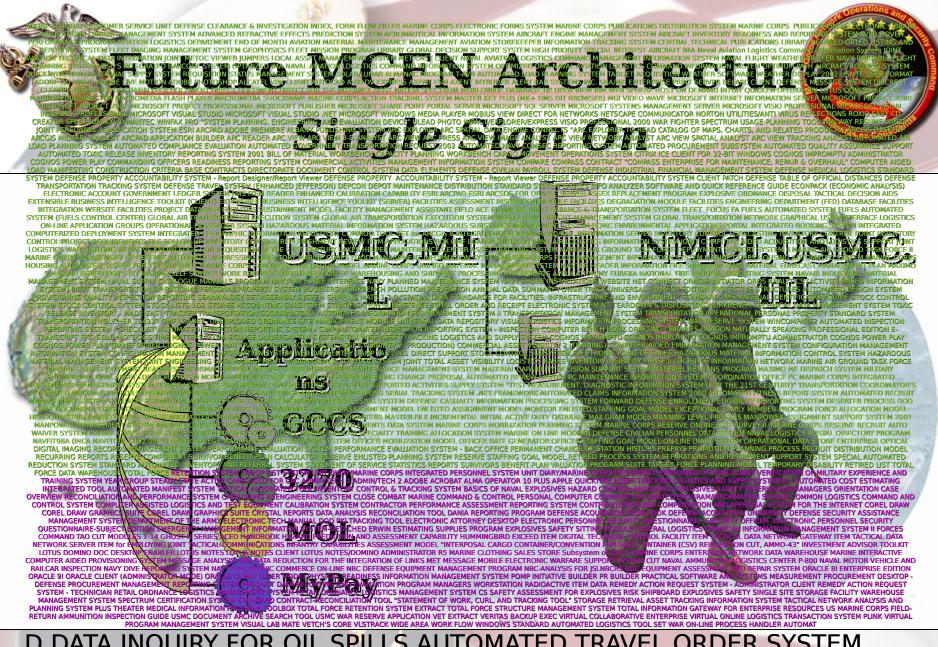
# Future MCEN Architecture Dual Forests











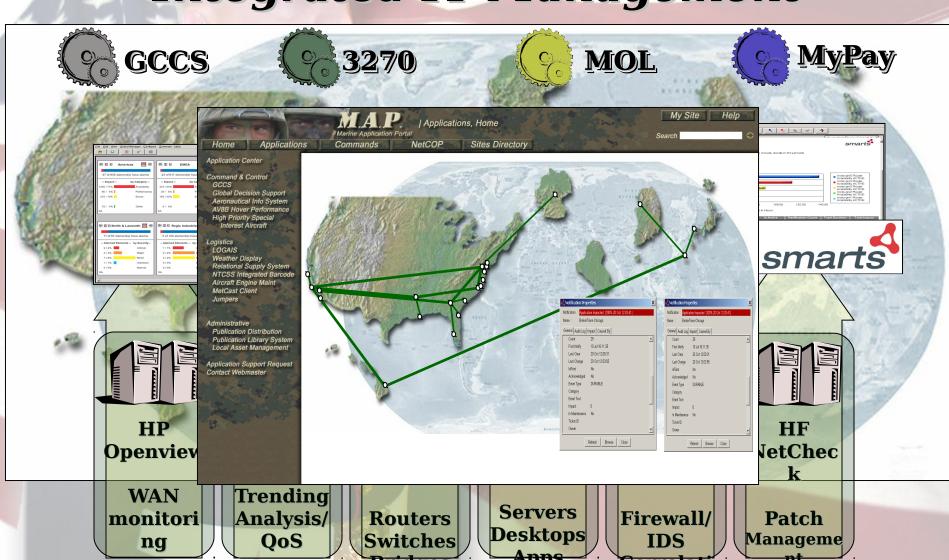
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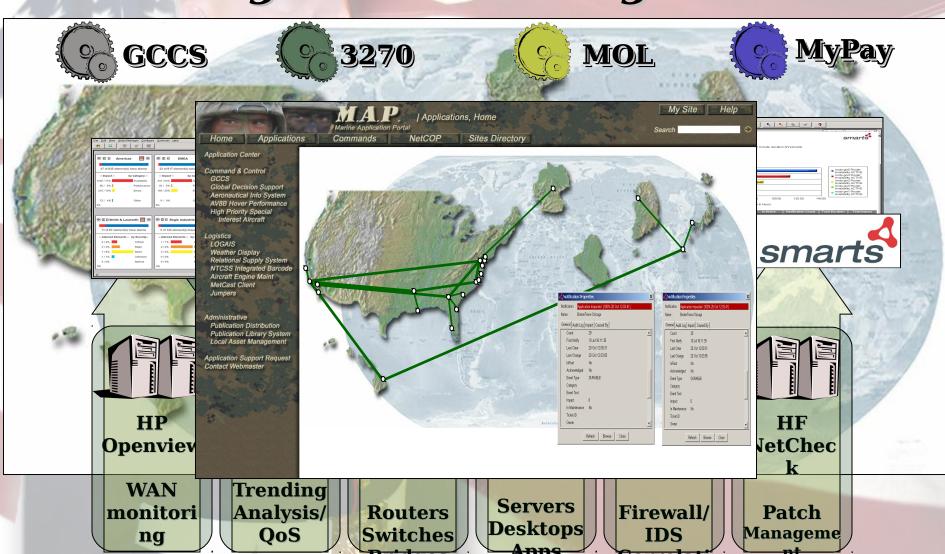
### Future MCEN Architecture Integrated IT Management



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#### Future MCEN Architecture Web Services



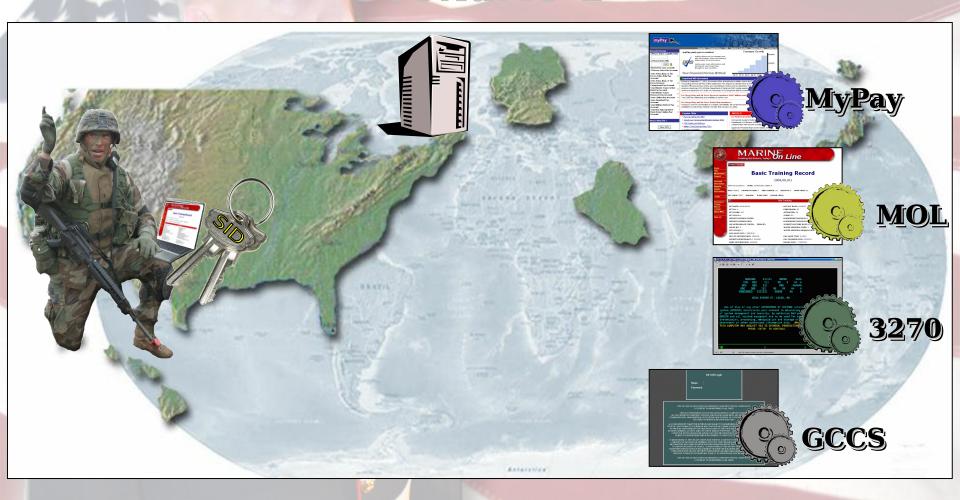
#### Future MCEN Architecture Web Services



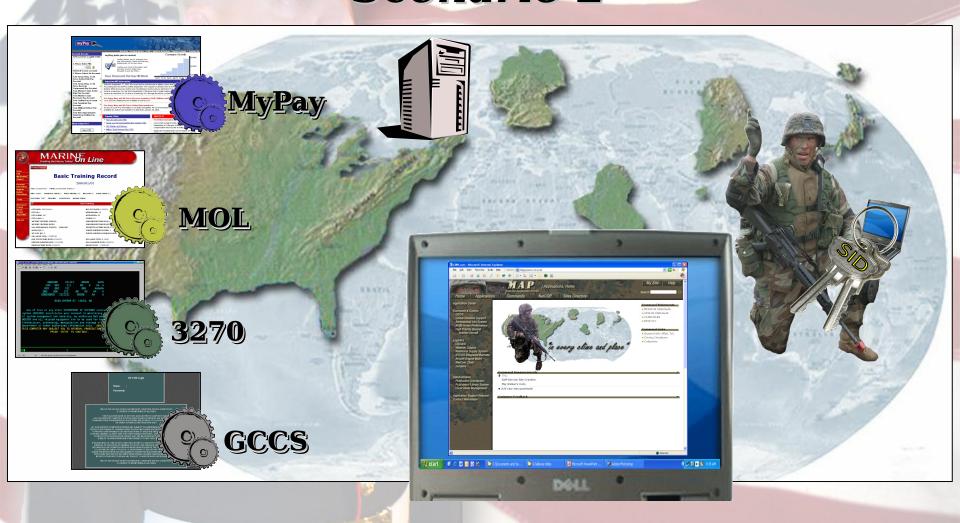
#### Future MCEN Architecture Web Services















#### Conclusion





Active Directory Single
Sign On
Integrated Network
Management
Legacy Application
Integration

Web Services via Portal

> IT Capability Convergence

